

Bazaar – php example code – part 11 – profile page for user

Our article focus on way how all logged in users can maintain accurate information about themselves. Profile page will contain data fully adjustable by logged in user and can display data fully accessible only in time of subscribing or next maintainable by site admin.

Expectation from edit profile page

Way how to maintain user profile information accurate is to enable to user maintain it by themselves. This function can be implemented by edutprofile.php form. From this form we expect these functionalities:

- table display all currently provided information
- some information was obtained during registration process but some must be provided later (finer info about current city of living, street, avatar photos etc.)
- output display also uneditable part of data as registration e-mail or users ID and name – these information will be editable in some manner only for administrator of page
- form must be visually attractive and must be able display selected avatar photo
- latest part must enable change user password

editprofile.php code

Next part of page display code of editprofile.php page. Interesting part of from input element is this:

```
<div id=„frame_gray“>
    <label> Your registered with these credentials.
They cannot be changed, only way how to obtain new is deleting
account asking page admin and create new one:</label>
    <label>User ID:</label>
    <input type=“text“ name=“users_id“ class=“form-
control“ value=“<?php echo $_SESSION[,users_id’]?>“ disabled>
    <br>
    <label>User name:</label>
    <input type=“text“ name=“username“ class=“form-
control“ value=“<?php echo $_SESSION[,username’]?>“ disabled>
    <br>
    <label>E-mail:</label>
    <input type=“text“ name=“email“ class=“form-
control“ value=“<?php echo $email?>“ disabled>
    <br>
</div>
```

DIV element with id=“frame_gray“ link external css style from style.css:

```
#frame_gray { padding: 10px; background-
color: rgb(167, 167, 167) ; border: 1px dotted #616161 ;
}
```

This approach enable color distinguishing some part of page as it show next picture:



User_role of succesfully logged user with name **admin** is **admin** .

Your registered with these credentials. They cannot be changed, only way how to obtain new is deleting account asking page admin and create new one:

User ID:

10

User name:

admin

E-mail:

admin@admin.sk

Further user data data:

*Nickname:

admin

First name:

Firstname example

Last name:

Lastname

Adress in form - Street Nr.:

Street 678

City:

City 17

ZIP code in form XXXXX:

00002

Acceptation of portal rules and GDPR regulations - IMPORTANT PART:

* I agree with GDPR regulations



* I agree with rules of the portal



Upper part of editprofile page from Bazaar app

Also in input element of our form we can find new term disabled, this option disable editing option for that element. data are only for read only.

Full code o editprofile.php scrip follows:

```
<!--
*****
*** ->
<!-- PHP „self“ code handling user profile editing
        ->
<!--
*****
*** ->
<!-- Vrsion: 1.0          Date: 25.10-30.10.2020 by CDesigner.eu
        ->
<!--
*****
*** ->
<?php
    require_once(,appvars.php'); // including variables for da
    tabase
    // two variables for message and styling of the mesage with
    bootstrap
    session_start(); // start the session – must be added on all
    pages for session variable accessing
    // solution using SESSIONS with COOKIES for longer (30days)
    login persistency

    if(!isset($_SESSION[,users_id'])) { // if session is no mo
    re active
        if(isset($_COOKIE[,users_id']) && isset($_COOKIE[,username
    '])) { // but cookie is set then renew session variables along
    them
            $_SESSION[,users_id'] = $_COOKIE[,users_id'];
            $_SESSION[,username'] = $_COOKIE[,username'];
```

```

        $_SESSION[,user_role'] = $_COOKIE[,user_role']; // added
for role
    }
}
$msg = "";
$msgClass = "";
// default values of auxiliary variables
$users_id = "";
$username = "";
$pass_word = "";
$nickname= "";
$first_name = "";
$lastname_name = "";
$address = false;
$city = "";
$ZIPcode = "";
$email = "";
    $GDPR_accept = false;
    $rules_accept = false;
    $avatar = ""; // photo location of avatar
    $profile_text = "";
    $is_result = false; //before hitting submit button no result
is available

// Control if data was submitted
if(filter_has_var(INPUT_POST, ,submit')) {
    // Data obtained from $_postmessage are assigned to lo
cal variables

        $users_id = $_SESSION[,users_id']; // obtained from lo
gin user
        $username = $_SESSION[,username'];

        $pass_word1 = sha1(htmlspecialchars($_POST[,pass_word1
'']));
        $pass_word2 = sha1(htmlspecialchars($_POST[,pass_word2
'']));
        $pass_word_old = sha1(htmlspecialchars($_POST[,pass_wo
rd_old']));
        $nickname= htmlspecialchars($_POST[,nickname']);
        $first_name = htmlspecialchars($_POST[,first_name']);

```

```

    $lastname_name = htmlspecialchars($_POST[,lastname_name'
]);
    $addressss = htmlspecialchars($_POST[,addressss']);
    $city = htmlspecialchars($_POST[,city']);
    $ZIPcode = htmlspecialchars($_POST[,ZIPcode']);

    // $GDPR_accept = isset($_POST[,GDPR_accept']); // chec
checkbox doesnot send post data, they must be checked for its set
state !!!
    isset($_POST[,rules_accept']) ? $rules_accept ="1": $r
ules_accept ="0"; // checkbox doesnot send post data, they mus
t be checked for its set state !!!
    isset($_POST[,GDPR_accept']) ? $GDPR_accept ="1": $GDP
R_accept ="0";

    $avatar = htmlspecialchars($_FILES[,avatar'][,name']);
    // photo location of avatar
    $profile_text = htmlspecialchars($_POST[,profile_text'
]);

    //echo ,users_id'; echo $users_id;
    //echo $rules_accept;
    //echo $GDPR_accept;
    //echo $nickname;

    // Controll if all required fields was written
    if( !empty($nickname) && $rules_accept && $GDPR_accept) {
// these item identifiers are mandatory and can not be empty
    // If check passed – all needed fields are written
    // Check if E-mail is valid
    //echo $rules_accept;
    // echo $GDPR_accept;

        // move image to /images final folder from tem
porary download location
        $avatar_target1 = IMAGE_PATH . $avatar;

        // insert into databse

```

```

        if (1) {
            move_uploaded_file($_FILES['avatar'][
, tmp_name'], $avatar_target1);

        // make database connection
        $dbc = mysqli_connect(DB_HOST, DB_USER, DB_PW, D
B_NAME);

        // Check connection
        if($dbc === false){
            die(„ERROR: Could not connect to database. “
. mysqli_connect_error());
        }

        // INSERT new entry
        // need systematic debug!!! – now it is ok, it
can be used as further example

        // example working and tested syntax for UPPDATE
        query $sql = „UPDATE bazaar_user SET nickname = ,“.$nickname.
“, , first_name = ,“.$first_name.“,
        // WHERE users_id = ,“.$users_id
. „, AND username = ,“.$username.“,“ ;
        $sql = „UPDATE bazaar_user SET
        nickname = ,“.$nic
kname.“, ,
        first_name = ,“.$f
irst_name.“, ,
        lastname_name = ,“
.$lastname_name.“, ,
        addresss = ,“.$add
resss.“, ,
        city = ,“.$city.“,
        ZIPcode = ,“.$ZIPc
ode.“, ,
        write_date = now()
        ,
        GDPR_accept = ,“.$
GDPR_accept.“, ,
        rules_accept = ,“.

```



```

$rules_accept.“,,
avatar = ,“.$avat
ar.“,,
profile_text = ,“.
$profile_text.“,
WHERE users_id =
,“.$users_id. ,, AND username = ,“.$username.“,“;
// . $_POST[,userid'] . ,, , first_name='“ . $_PO
ST[,first_name'] . ,, , last_name='“ . $_POST[,last_name'] . ,,
,
// city_name='“ . $_POST[,city_name'] . ,, , emai
l='“ . $_POST[,email'] . ,, WHERE userid='“ . $_POST[,userid']
. ,,“);

//show updated user data true
$is_result = true;
if(mysql_query($dbc, $sql)){

    $msg = ,Profile updated succesfully. ,;
    $msgClass = ,alert-success';
} else {

    $msg = „ERROR: Could not able to execute $sql.
“ . mysqli_error($dbc);
    $msgClass = ,alert-danger';
}
// echo „DEBUG – idem k casti s he
slom“;

// update password only if both pa
sswords are not emty and are equal and old password match
//pass_word = $pass_word, and only
add hash to filed not plane password
// $pass_word1 = htmlspecialchars($
_POST[,pass_word1']);
// $pass_word2 = htmlspecialchars($
_POST[,pass_word2']);
// $pass_word_old = htmlspecialchars($
_POST[,pass_word_old']);
//DEBUG – echo $pass_word1;
//DEBUG – echo $pass_word2;

```

```

        //DEBUG – echo $pass_word_old;
        if(isset($pass_word1) && isset($pass_word2) && isset($pass_word_old )){ // old and two input for
new password are provided
            if($pass_word1 == $pass_word2){ //
new passwords is ok typed 2x the same
                // echo „DEBUG – hesla sa rovn
aju“;
                // obtain old password sha1 fo
r reference
                $_username = $_SESSION[,'userna
me'];
                // echo „DEBUG -
username $_username“;
                $_users_id = $_SESSION[,'users_
id'];
                //echo “ DEBUG -
users_id $_users_id  „;
                //$sql = „SELECT * FROM bazaar
_user WHERE username = „.“,$_username'“. “ AND users_id = „.“,
$_users_id'“ ;
                $sql = „SELECT * FROM bazaar_u
ser WHERE username = „.“,$_username'“.“LIMIT 1“ ;
                if($output = mysqli_query($dbc
, $sql)){
                    if(mysqli_num_rows($output
) > 0){ // if any record obtained from SELECT query
                        while($row = mysqli_fe
tch_array($output)){ //next rows outputed in while loop
                            $pass_word_old
_stored = $row[,'pass_word'];
                            // echo „DEBUG
– 0. vo while hash stareho hesla je $pass_word_old_stored  „;
                        }
                    // Free result set
                    mysqli_free_result($ou

```



```

} else{
    //echo „Password c
annot be changed.“; // if no records in table
    $msg .= , PASSWORD
cannot be changed. ,;
    $msgClass = ,alert
-danger‘;
}
} else{
    echo „ERROR: Could not
able to execute $sql. “ . mysqli_error($dbc); // if database
query problem
}
}
}
}
}
// end connection
mysqli_close($dbc);

} else {
    // Failed – if not all fields are fullfiled
    $msg = ,Please fill in all * marked contactform
fields – nickname, GDPR and portal rules are mandatory!‘;
    $msgClass = ,alert-
danger‘; // bootstrap format for allert message with red color
};

} else {
    // Failed – if not all fields are fullfiled
    $msg = ,Please fill in all * marked contactform fiel
ds – nickname, GDPR and portal rules are mandatory!‘;
    $msgClass = ,alert-
danger‘; // bootstrap format for allert message with red color
};

```

```
};
```

```
?>
```

```
<!-- ***** ->
```

```
<!-- HTML code containing Form for submitting ->
```

```
<!-- ***** ->
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title> Bazaar – item for sell </title>
```

```
  <link rel="stylesheet" href="./css/bootstrap.min.css"> <!-- bootstrap mini.css file ->
```

```
  <link rel="stylesheet" href="./css/style.css"> <!-- my local.css file ->
```

```
  <script src="https://code.jquery.com/jquery-3.1.1.slim.min.js" integrity="sha384-A7FZj7v+d/sdmMqp/nOQwliLvUsJfDHW+k90mg/a/EheAdgtzNs3hpfag6Ed950n" crossorigin="anonymous"></script>
```

```
  <script src="https://cdnjs.cloudflare.com/ajax/libs/tether/1.4.0/js/tether.min.js" integrity="sha384-DztdAPBWPRXSA/3eYEEUWrWCy7G5KFbe8fFjk5JAIxUYHKkDx6Qin1Dkwx51bBrb" crossorigin="anonymous"></script>
```

```
</head>
```

```
<body>
```

```
  <nav class="navbar „>
```

```
    <div id="header_container_580">
```

```
      <div class="navbar-header">
```

```
        <?php
```

```
          require_once(,headermenu.php'); // including menu
```

```
items
```

```
        ?>
```

```
        <?php /*- older solution only for this page menu if(isset($_SESSION[,'users_id'])) { // display different page header along way why is user logged in or not – users_id is set when user is logged in
```

```
          echo ,<a class="navbar-
```

```

brand" href="editprofile.php">Bazaar – editing personal profile</a>';
        } else {
            echo 'Unauthorized – please Log In </a>';
        }; */
    ?>
</div>
</div>
</nav>
<div class="container" id="formcontainer">
<!-- ***** _>
<!-- HTML par available after succesfull login _>
<!-- ***** _>
<?php if(isset($_SESSION['users_id'])) { //if user is logged with users_id then editprofile form is available?>
    <?php if($msg != ""): ?>
        <div class="alert <?php echo $msgClass; ?>"><?php echo $msg; ?></div>
    <?php endif; ?>

    <br>
    
    <br>
    <?php //part displaying user_role of logged user

        echo " <br> <br>";
        echo " <table class=\"table table-success\"> „;
        $user_role = $_SESSION['user_role'];
        $username = $_SESSION['username'];
        echo " <tr>
            <td><h5> User_role of succesfully logged user
            with name <strong> $username </strong> is <strong>$user_role</strong> . „;

        echo " <td> </tr> „;
        echo " </table> „;

```



```

,pass_word'];
                                                                    $nickname= $row[,n
ickname'];
                                                                    $first_name = $row
[,first_name'];
                                                                    $lastname_name = $
row[,lastname_name'];
addressss'];
                                                                    $addresss = $row[,
'];
                                                                    $city = $row[,city
IPcode'];
                                                                    $ZIPcode = $row[,Z
il'];
                                                                    $email = $row[,ema
_gdpr = $row[,GDPR
_accept']; // checkbox doesnt send post data, they must be ch
checked for its set state !!!
                                                                    $rules_accept = $r
ow[,rules_accept'];
                                                                    $avatar = $row[,av
atar'];          // photo location of avatar
                                                                    $profile_text = $r
ow[,profile_text'];

    }

    // Free result set
    mysqli_free_result($output);
} else{
    echo „There is no category in category table
. Please wirite one.“; // if no records in table
}
} else{
    echo „ERROR: Could not able to execute $sql. “
. mysqli_error($dbc); // if database query problem
}

```



```

        // Close connection
        mysqli_close($dbc);
    ?>
    <!-- these data are only displayed but cannot be ch
anged ->
    <div id="frame_gray">
        <label> Your registered with these credentials.
They cannot be changed, only way how to obtain new is deleting
account asking page admin and create new one:</label>
        <label>User ID:</label>
        <input type="text" name="users_id" class="form-
control" value="<?php echo $_SESSION[,users_id']?>" disabled>
        <br>
        <label>User name:</label>
        <input type="text" name="username" class="form-
control" value="<?php echo $_SESSION[,username']?>" disabled>
        <br>
        <label>E-mail:</label>
        <input type="text" name="email" class="form-
control" value="<?php echo $email?>" disabled>
        <br>
    </div>
    <br>
    <br>

    <div id="frame_green">
        <label>Further user data data:</label>
        <br>
        <label>*Nickname:</label>
        <input type="text" onfocus="this.value='<?php echo i
sset($_POST[,nickname']) ? $nickname : "; ?>'" name="nickname"
class="form-
control" value="<?php echo isset($_POST[,nickname']) ? $nickna
me : $nickname; ?>">
        <br>
        <label>First name:</label>
        <input type="text" onfocus="this.value='<?php echo i
sset($_POST[,first_name']) ? $first_name: "; ?>'" name="first_
name"
class="form-
control" value="<?php echo isset($_POST[,first_name']) ? $firs
t_name : $first_name; ?>">

```

```
<br>
<label>Last name:</label>
<input type="text" onfocus="this.value='<?php echo i
sset($_POST[,lastname_name']) ? $lastname_name : "; ?>' " name=
"lastname_name" class="form-
control" value="<?php echo isset($_POST[,lastname_name']) ? $l
astname_name : $lastname_name; ?>">
<br>
<label>Adress in form – Street Nr.:</label>
<input type="text" onfocus="this.value='<?php echo i
sset($_POST[,addresss']) ? $addresss : "; ?>' " name="addresss"
class="form-
control" value="<?php echo isset($_POST[,addresss']) ? $adres
ss : $addresss; ?>">
<br>
<label>City:</label>
<input type="text" onfocus="this.value='<?php echo i
sset($_POST[,city']) ? $city : "; ?>' " name="city" class="form
-
control" value="<?php echo isset($_POST[,city']) ? $city : $ci
ty; ?>">
<br>
<label>ZIP code in form XXXXX:</label>
<input type="text" onfocus="this.value='<?php ec
ho isset($_POST[,ZIPcode']) ? $ZIPcode : "; ?>' " name="ZIPcode
"
class="form-
control" value="<?php echo isset($_POST[,ZIPcode']) ? $ZIPcode
: $ZIPcode; ?>">
<br>
</div>
<br>
<!-- GDPR and rule of the portal acceptance -->
<div id="frame_red">
<div class="form-group">
<label>Acceptation of portal rules and GDPR regu
lations – IMPORTANT PART:</label>
<br>
<br>
<input type="checkbox" name="GDPR_accept" class="f
orm-control" <?php if($gdpr) { echo „checked“; } ?> >
<label>* I agree with GDPR regulations</label>
```

```

        <br>
        <input type="checkbox" name="rules_accept" class
= "form-
control" <?php if($rules_accept) { echo „checked“; } ?> >
        <label>* I agree with rules of the portal</label
>

        <br>
        </div>
</div>

<div id="frame_green">
    <?php
        // From database obtain avatar image f
ile name and next recreate their location

        $dbc = mysqli_connect(DB_HOST, DB_USER
, DB_PW, DB_NAME);
        // Check connection
        if($dbc === false){
            die(„ERROR: Could not connect to dat
abase – stage of article listing. “ . mysqli_connect_error());
        }

        // read $avatar value from databaze of
user

        $_username = $_SESSION[„username“]; //
get info about currently logged user
        $_users_id = $_SESSION[„users_id“];
        $sql = „SELECT * FROM bazaar_user WHER
E username = „.“, $_username“.“ AND users_id=“.“, $_users_id““;
        // query avatar

        if($output = mysqli_query($dbc, $sql))
    {
        if(mysqli_num_rows($output) > 0){
            $row = mysqli_fetch_array($output);
            $write_date_obtained = $row[„write_
date“]; // get latest profile update date for output located a

```

t the bottom part of page

```
        if (!empty($row[,'avatar'])) {
            $image_location = IMAGE_PATH.$row[
,avatar'];

            echo „<center> <td id=“gray_under
_picture\“> <br> <img align=“middle\“ src=“$image_location
\“ alt=“ profile avatar picture \“ height=“250\“> <br> <br>
<br> </td> </center>“;
        } else {
            echo „<center> <td id=“gray_under
_picture\“> <br> <img align=“middle\“ src=“./images/default_
avatar.png\“ alt=“ profile avatar picture \“ height=“250\“>
<br> <br> </td> </center>“;
        }

        mysqli_free_result($output);
    }
}

// Close connection
mysqli_close($dbc);
?>
<p> In this part you can select your profile a
vatar! </p>
<label>* Please select location of your avatar
from drive – max 5MB!</label>
<div class=“custom-file“>
<br>
<input type=“file“ name=“avatar“ class=“custom
-file-
input“ id=“avatar“ lang=“en“ onchange=“getFilename(this)“>
<label class=“custom-file-label1 custom-
file-label“ for=“customFile“>Screenshot1 – required:</label>
<br>
</div>
</div>

<script type=“application/javascript“> // javascript h
andling chaging filename of selected file
$(document).ready(function(){
$(„#avatar“).change(function(){
```

```

        //alert(„A file 1 has been selected.“);
        var thefile1 = document.getElementById(,avatar');

        var fileName1 = thefile1.value;
        //var fileName1 = „A file 1 has been selected.“;
        $(, .custom-file-label1').html(fileName1);
    });
    $(, #screenshot2").change(function(){
        //alert(„A file 2 has been selected.“);
        var thefile2 = document.getElementById(,screenshot2');
    });

        var fileName2 = thefile2.value;
        //var fileName2 = „A file 2 has been selected.“;
        $(, .custom-file-label2').html(fileName2);
    });
    $(, #screenshot3").change(function(){
        //alert(„A file 3 has been selected.“);
        var thefile3 = document.getElementById(,screenshot3');
    });

        var fileName3 = thefile3.value;
        //var fileName3 = „A file 3 has been selected.“;
        $(, .custom-file-label3').html(fileName3);
    });
    });

```

```
</script>
```

```
<br><br>
```

```

<div id="frame_green">
    <div class="form-group">
        <label>Profile text – please provide some description for your profile if will:</label> <!-- textera for input large text ->

```

```
        <textarea id="profile_text" onfocus="this.valu
e='<?php echo isset($_POST[,profile_text']) ? $profile_text :
,Please provide description for your profile if will ...'; ?>' "
name="profile_text"                class="form-
control" rows="3" cols="50"><?php echo isset($_POST[,profile_t
ext']) ? $profile_text : $profile_text; ?></textarea>
```

```
        <br>
```

```
    </div>
```

```
</div>
```

```
<br>
```

```
<div id="frame_red">
```

```
    <label> If you will change password. Write old p
assword and then for verification two times new one:</label>
```

```
    <label>Old password:</label>
```

```
    <input type="password" name="pass_word_old" class="
form-control" >
```

```
    <br>
```

```
    <label>New password:</label>
```

```
    <input type="password" name="pass_word1" class="for
m-control" >
```

```
    <br>
```

```
    <label>New password once again for verification:
</label>
```

```
    <input type="password" name="pass_word2" class=
"form-control" >
```

```
    <br>
```

```
</div>
```

```
<br>
```

```
<br><br>
```

```
    <center> <button type="submit" name="submit" class="btn
btn-warning                btn-
lg"> Update profile information </button> </center>
```

```
<br><br>
```

```

    <?php //part displaying info after succesfull added su
bscriber into a mailinglist
    if ($is_result ) {

        echo " <br> <br>";
        echo " <table class=\"table table-success\"> „;
        echo " <tr>
            <td><h5> Personal info for user <strong> $
username </strong> was last modified at $write_date_obtained.
„;

            echo " <td> </tr> „;
            echo " </table> „;

            //echo " <input type="text" id="result_field" name="
result_field" value="$result" > <br>" ;
        } ;
        ?>

        <br>

    </form>

<!-- ***** ->
<!-- HTML part displayed for unlogged user ->
<!-- ***** ->
    <?php } else { // else if user is not loged then form will
noot be diplayed?>
        <br>
        
        <br>
        <h4>For further profile editing please log in<a class=
"navbar-
brand" href="login.php"><h4><u>here.</u> </h4></a></h4>
        <br>
        <?php } ?>

</div>

```

```
<?php // footer include code
    require_once('footer.php'); // including footer
    generate_footer(580); // function from footer.php for setting width, you can use 580 and 1060px width
?>

</body>
</html>
```

Last part of form enable change existing user password. Provided passwords must contain currently valid password and two identical new password. On script handling part of site are controlled these new passwords and from database is obtained sha1 hash of currently used password. Only if current password provided by user is equal to that stored in database (hashes not plain passwords!!!) and both new passwords are the same, then old hash of password is overwritten that new.

Visual implementation is shown next (bottom part of editprofile form).



In this part you can select your profile avatar!

*** Please select location of your avatar from drive - max 5MB!**

Screenshot1 - required:

Browse

Profile text - please provide some description for your profile if will:

This part can provide further description for created user profile.

If you will change password. Write old password and then for verification two times new one:

Old password:

New password:

New password once again for verification:

UPDATE PROFILE INFORMATION

Conclusion

Our editprofile form enable further user data maintaining by logged in user. Only registered user are permitted to access own profile. For better maintainability user_ID, registration username and registration e-mail is not editable (gray style with disabled option in appropriate input element).

Full code for further study can be obtained from github [here](#).